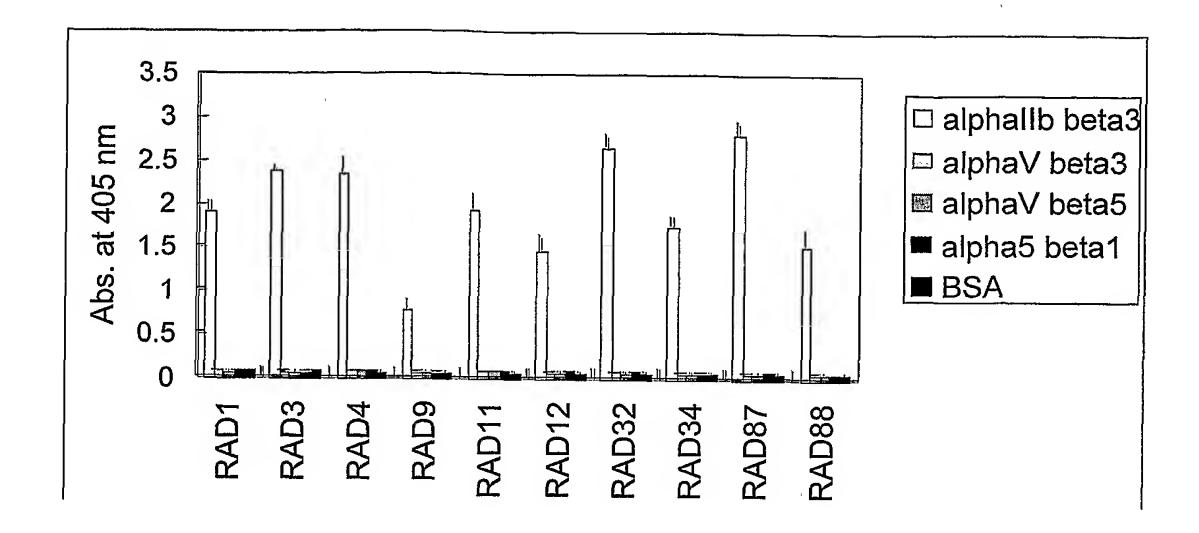
Fig.1



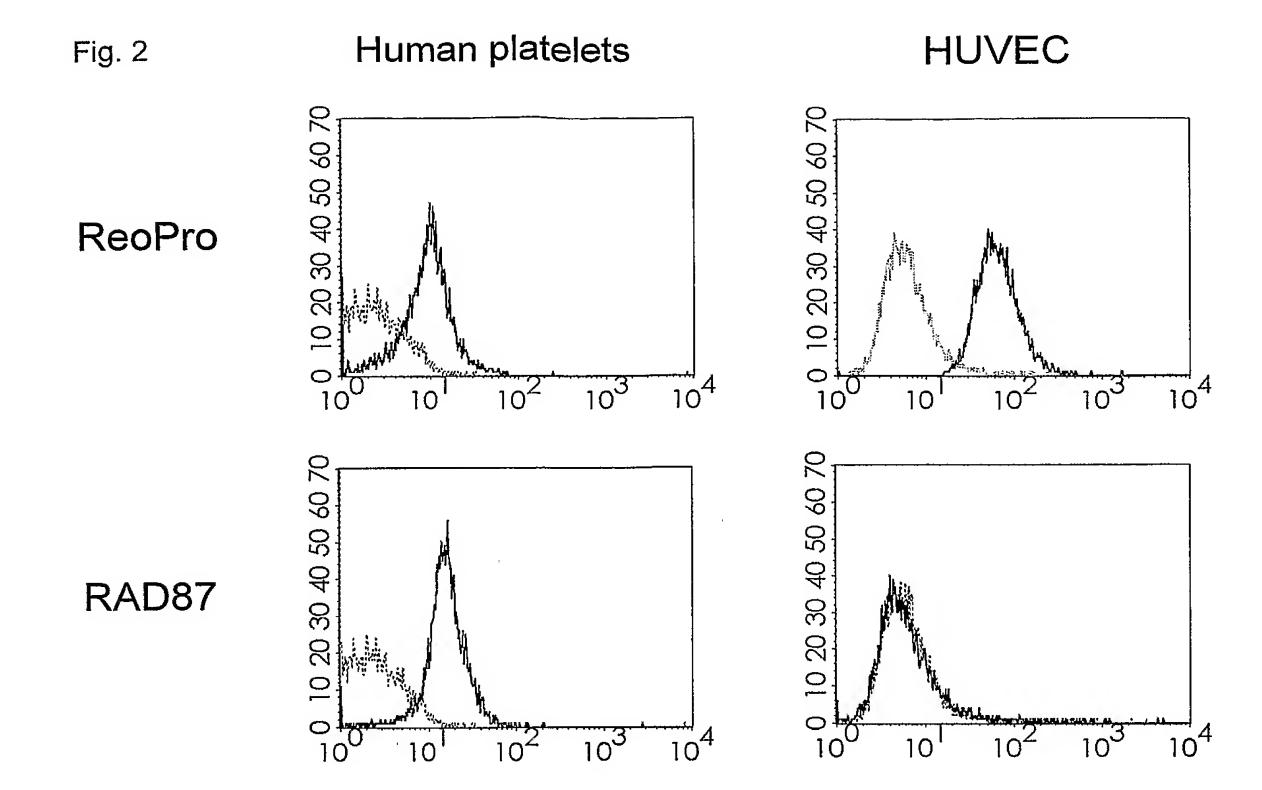
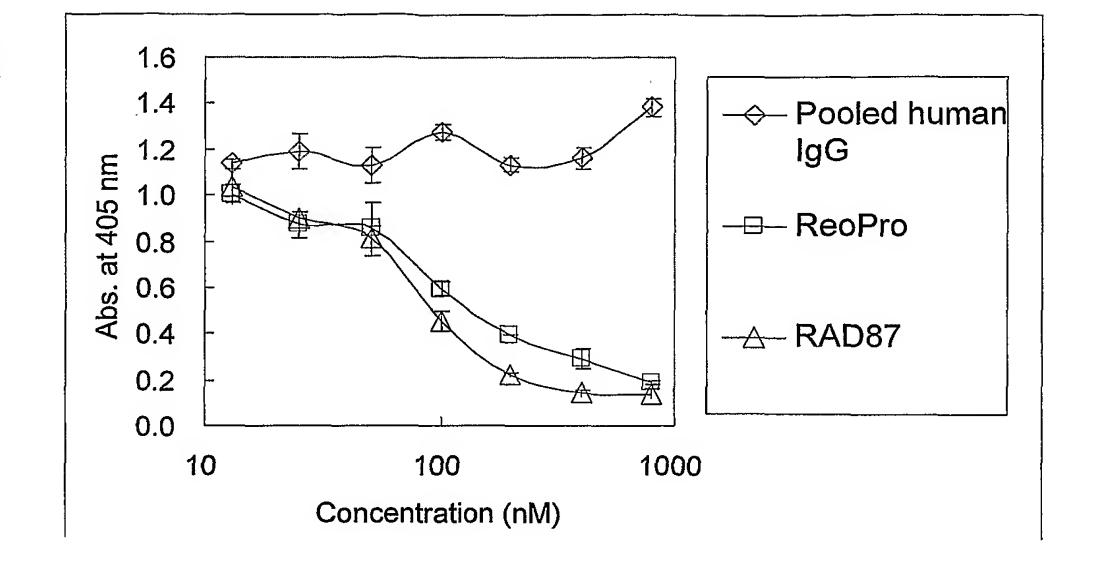
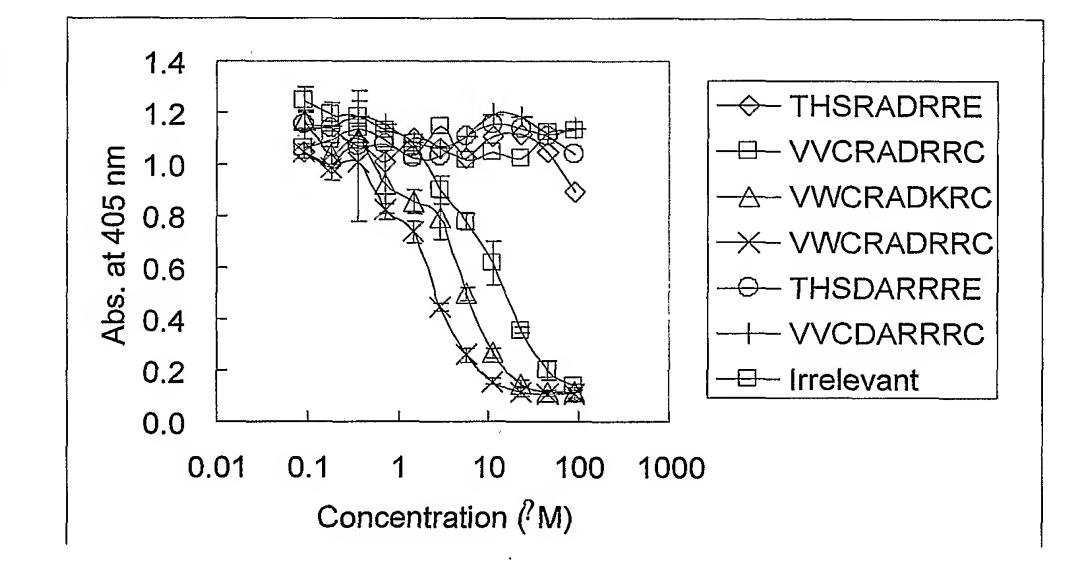


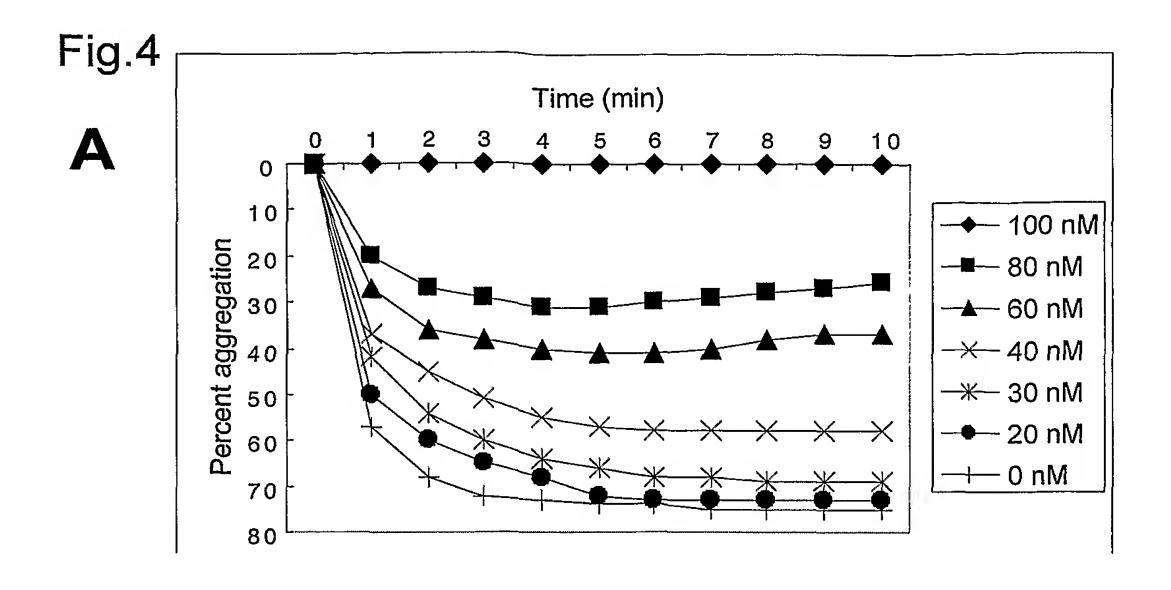
Fig.3

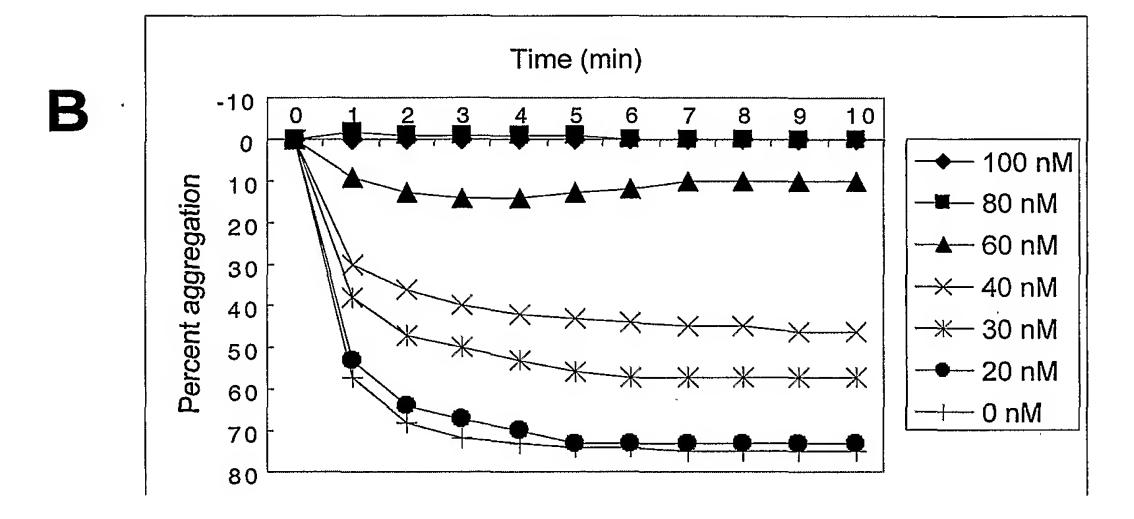












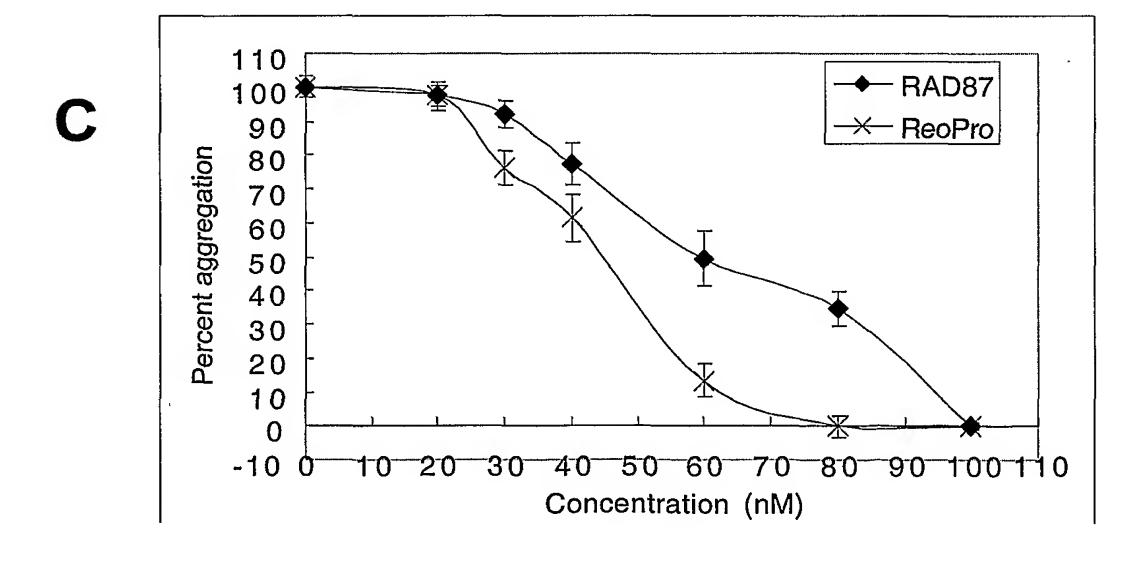
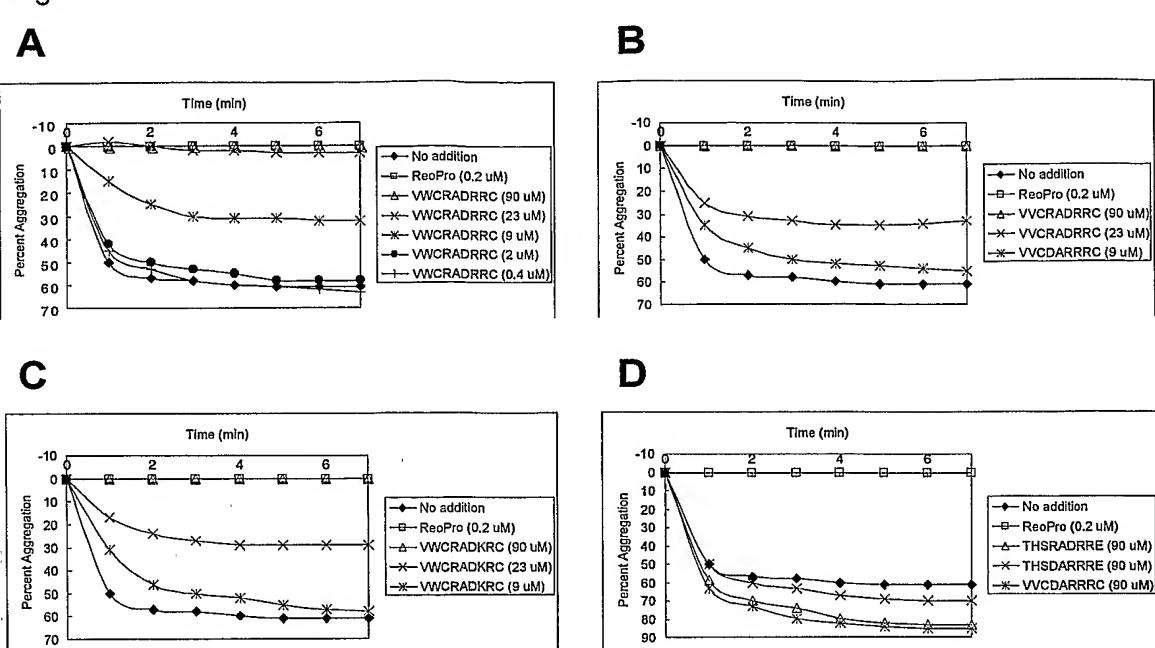


Fig.5



FR4	
	113 114 118 MDV WGQGT
CDR3	RVVCRADRRCYA RVVCRADRRCYA RVVCRADRRCYA RVVCRADRRCYA SVWCRADKRCYA SVWCRADKRCYA STHSRADRREYA
FR3	66 RFTISRDNAKNSLYLQMNSLRAEDTAVYYCAR VIRTISRDNAKNSLYLQMNSLRAEDTAVYYCAR VIRTISRDNAKNSLYLQMNSLRAEDTAVYYCAR VIRTISRDNAKNSLYLQMNSLRAEDTAVYYCAR VIRTISRDNAKNSLYLQMNSLRAEDTAVYYCAR VIRTVSRDNSQSTAYLQINSLRAEDTAVYYCAR VIRTVSRDNSQSTAYLQINSLRAEDTAVYYCAR VIRTISRDNSKNTLYLQMNSLRAEDTAVYYCAR VIRTISRDNSKNTLYLQMNSLRAEDTAVYYCAR VI
CDR2	AIGTGGG TYYADSVKG RAIGTGGG TYYAADSVKG RAIGTGGG TYYAADSVKG RAIGTGGG TYYAADSVKG RAIGTGGG TYYAADSVKG RAIGTGGG TYYAADSVKG RAIGTGGG TYYYADSVKG RAIGTGGG TYYAADSVKG RAIGTGGG TYYYAASVKG RAIGTGG TYYYAASVKG RAIGTGGG TYYYAASVKG RAIGTGGG TYYYAASVAG RAIGTGGG TYYYAASVA
FR2	36 49 50 WVRQAPGKGLEWVS A
CDR1	30 31 35 36 FS SYAMH W
FR1	RAD87 EVQLLESGGGLVQPGGSLRLSCAGSGFTFS RAD9 EVQLLESGGGLVQPGGSLRLSCAGSGFTFS RAD12 EVQLLESGGGLVQPGGSLRLSCAGSGFTFS RAD3 EVQLLESGGGLVQPGGSLRLSCAGSGFTFS RAD3 EVQLLESGGGLVHPGGSLRLSCAGSGFTFS RAD3 EVQLLESGGGLVHPGGSLRLSCAGSGFTFS RAD3 EVQLLESGGGLVHPGGSLRLSCAGSGFTFS RAD1 EVQLLESGGGLVHPGGSLRLSCAGSGFTFS
$V_{\rm H}$	RAD87 RAD9 RAD12 RAD34 RAD3 RAD3 RAD88

Figure 6